



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/759,786	01/12/2001	Ralf Hofmann	P-4596	2858
24209 7590 02/15/2007 GUNNISON MCKAY & HODGSON, LLP 1900 GARDEN ROAD SUITE 220 MONTEREY, CA 93940			EXAMINER BATES, KEVIN T	
			ART UNIT	PAPER NUMBER
			2155	

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	02/15/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary

Application No.

09/759,786

Applicant(s)

HOFMANN ET AL.

Examiner

Kevin Bates

Art Unit

2155

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 27 December 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-8 and 28-34 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 33 and 34 is/are allowed.
- 6) ☒ Claim(s) 1-8 and 28-34 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date <u>10-16-06</u> . | 6) <input type="checkbox"/> Other: _____ |

Response to Amendment

This Office Action is in response to a communication received on December 27, 2006.

The Information Disclosure Statement received on October 16, 2006 has been considered.

Claims 1, 7, 28, 29, and 33 have been amended.

Claims 9-27 have been cancelled.

Claims 1-8 and 28-34 are pending in this application.

Claims 33 and 34 are allowable.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-23 and 28-32 are rejected under 35 U.S.C. 102(e) as being anticipated by Muta (6286003).

Regarding claims 1 and 28, Muta teaches a method for presenting a runtime environment component service by a first computer system to a second computer

Art Unit: 2155

system over a communication network (Column 8, lines 36 – 41), said method being performed by said first computer system and comprising:

generating a user interface infrastructure, on said first computer system, to receive graphic user interface events from a lightweight component on from said second computer system (Column 9, lines 40 – 48) and to send remote graphic user interface commands to said lightweight component on said second computer system (Column 9, lines 48 – 52); wherein said remote graphic user interface commands are used in generating a user interface on said second computer system for a user of said runtime environment component service on said first computer system (Column 9, lines 40 – 52);

wherein said generating comprises:

receiving a call to a create bean window method of a bean service object executing on said first computer from a bean object of said lightweight component executing on said second computer system wherein said bean service object is an instantiation of a bean service class; and

calling an initialize method by said bean service object to create a bean window object on said first computer system wherein said bean window object is an instantiation of a bean window class (Column 8, lines 8 – 21); and

using said user interface infrastructure to initialize said runtime environment component service on said first computer system (Column 9, lines 40 – 52) wherein said using comprises:

calling by said bean service object, a create instance method in an application programming interface of a client factory object of said lightweight component wherein said client factory object is an instantiation of a client factory class;

initializing a remote frame window object in said lightweight component by said client factory object executing on said second computer system wherein said remote frame window is an instantiation of a remote frame window class (Column 8, lines 18 – 21); and

further, wherein said runtime environment component service sends graphic user interface commands to said user interface infrastructure on said first computer system said second computer system comprises a client device (Column 6, lines 61 – 66) and said first computer system comprises a server device (Column 7, line 58 – Column 8, line 6).

Regarding claim 2, Muta teaches receiving, by said bean window object in said user interface infrastructure, a remote input action event via said communication network, said remote input action event being generated in said second computer system by said lightweight component corresponding to said runtime environment component service on said first computer system (Column 9, lines 40 – 48).

Regarding claim 3, Muta teaches transmitting an input event said bean window object to an application in said runtime environment component service by said user interface infrastructure in response to said remote input action event (Column 9, lines 40 – 48).

Regarding claim 4, Muta teaches processing said input event by said application in said runtime environment component service (Column 9, lines 40 – 48).

Regarding claim 5, Muta teaches generating a graphic user interface command to said bean window object by said application in said runtime environment component service (Column 9, lines 40 – 52).

Regarding claim 6, Muta teaches transmitting a remote graphic user interface command from said bean window object to said remote frame window in said lightweight component in response to said graphic user interface command (Column 11, lines 1 – 21).

Regarding claim 30, Muta teaches calling an initialize method, by said bean service object, to create a bean frame object on said first computer system

Regarding claim 31, Muta teaches receiving, by said bean frame object, a load document command from said bean object of said lightweight component (Column 9, lines 10 – 16).

Regarding claim 32, Muta teaches calling, by said bean frame object in response to said load document command, an initialize method to initialize a window for an application in said runtime environment component (Column 9, lines 18 – 21).

Regarding claims 7 and 29, Muta teaches a method for presenting a runtime environment component service by a first computer system to a second computer system over a communication network (Column 8, lines 36 – 41), said method being performed by said first computer system and comprising:

receiving a remote input action command, by a bean window object in a runtime environment component service on said first computer system, via said communication network, said remote input action command being generated in said second computer system by a remote frame window object in a lightweight component corresponding to said runtime environment component service on said first computer system wherein said bean window object is an instantiation of a bean window class and said remote frame window object is an instantiation of a remote frame window class (Column 9, lines 40 – 48);

transmitting a local input action command from said bean window object to an application in said runtime environment component service in response to said remote input action command (Column 9, lines 40 – 48);

processing said local input action command by said application in said runtime environment component service (Column 9, lines 48 – 52);

generating a local output command by said runtime environment component service to said bean window object on said first computer system; and

transmitting a remote output command from said bean window object to said remote frame window in said lightweight component in response to said local output command (Column 9, lines 48 – 52) wherein said remote output command is used in generating a user interface on said second computer system for a user of said runtime environment component service on said first computer system comprises a client device (Column 6, lines 61 – 66) and said first computer system comprises a server device (Column 7, line 58 – Column 8, line 6).

Regarding claim 8, Muta teaches that said application in said runtime environment component service is in an office application suite (Column 11, lines 1 – 21).

Allowable Subject Matter

Claims 33 and 34 are allowed.

Response to Arguments

Applicant's arguments filed December 27, 2006 have been fully considered but they are not persuasive.

The applicant argues that the reference, Muta, does not disclose the various classes and beans as disclosed in claim 1. The examiner disagrees, the reference discloses that all the components and operation of the claim performed by java applets running on both the remote server and master server (Column 8, lines 36 – 43). This shows that the entire system operates using java applets, as is known, java is a object oriented programming language which requires classes to operate every operation. Because the entire thing is in java, and java runs programs using classes and in order to use a class, you must define than instantiate a class, all the components and operations are preformed by instantiated class as claimed in the invention.

Conclusion

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

Art Unit: 2155

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kevin Bates whose telephone number is (571) 272-3980. The examiner can normally be reached on 8 am - 4:30 pm.


If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Saleh Najjar can be reached on (571) 272-4006. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2155

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

KB

KB
February 10, 2007


SALEH N. AL-JAR
SUPERVISORY PATENT EXAMINER